

VERIFICATION OF COMPLIANCE

No.: LVD GZES2104016969PV


Applicant: NingBo Deye Inverter Technology Co.,Ltd.
No.26 South YongJiang Road, Daqi, Beilun, NingBo,, China.

Manufacturer: NingBo Deye Inverter Technology Co.,Ltd.
No.26 South YongJiang Road, Daqi, Beilun, NingBo,, China.

Product Description: Single phase Utility interactive inverter

Product Description: Inverter used in PV system

Model No.: SUN-1K-G, SUN-1.5K-G, SUN-2K-G, SUN-2.5K-G,
SUN-3K-G, SUN-3.6K-G, SUN-4.2K-G, SUN-5K-G, SUN-6K-G;

Trade Mark: 

Rating: Refer to page 2

Protection against Electric Shock: Class I

Degree of Protection: IP 65

Additional Information: N/A

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: EN 62109-1:2010
EN 62109-2:2011

as shown in the

Test Report Number(s): GZES210401696901, GZES210401696902

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.




David Guo
Senior Technical Manager
SGS-CSTC



2021-04-30

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Other information added :

Rating:

Model Number	SUN-1K-G	SUN-1.5K-G	SUN-2K-G	SUN-2.5K-G	SUN-3K-G	SUN-3.6K-G	SUN-4K-G	SUN-5K-G	SUN-6K-G
Input (DC)									
Max. input power	1.4kW	2.0kW	2.8kW	3.0kW	4.2kW	4.7kW	5.2kW	6.5kW	6.6kW
Max. input voltage	550V								
Max. input current	12.5A					12.5A+12.5A			
Start-up input voltage	70Vd.c.	80Vd.c.							
MPPT voltage range	50V~550V				70V~550V				
Output (AC)									
Rated grid voltage	230V (L/N/PE)								
Rated grid frequency	50Hz								
Rated output power	1.0kW	1.5kW	2.0kW	2.5kW	3.0kW	3.6kW	4.0kW	5.0kW	6.0kW
Rated output current	4.3A	6.5A	8.7A	11A	13.1A	15.7A	17.4A	21.7A	26.1A
Power factor	>0.99(adjustable+/-0.8)								
Ambient temperature	-25 °C ~60 °C								
Ingress protection	IP65								
Protective class	Class I								



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